

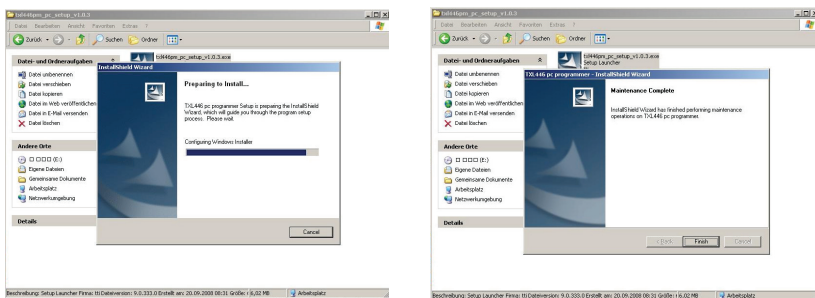
Programming Set for PMR 446 Radio ALBRECHT Tectalk CONTACT 2

With this programming tool you can configure many settings of the Tectalk CONTACT 2 radio to your special customer's wishes. The software is able to read/write data to/from the radio. By the reading feature it is very easy to clone radios for the same settings.

Please follow the national and European rules and regulations when configuring the radio. Even as distributor or service partner you may be regarded as responsible for any action which can lead to an unintended use of this radio, especially if you program frequencies or any setting, which is not covered by the European PMR 446 regulations, and for which the user may not have any license.

1. Installation

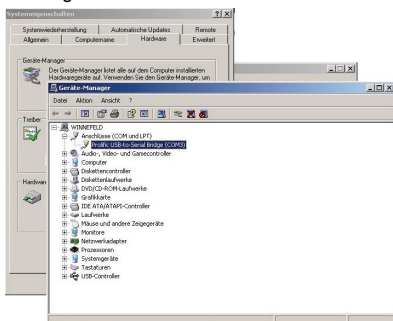
The programmer software is only available for WindowsXP®! Put the CD in your disk drive and start the installation by a double click on the **EXE**-file. Follow the instructions of the installation wizard.



After the installation was successful, click on the finish button.

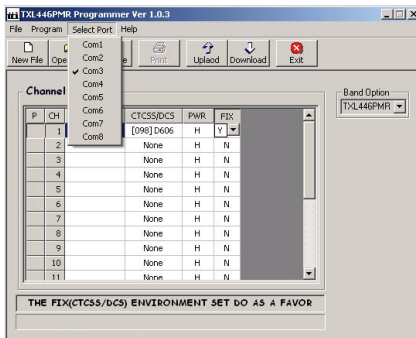
2. Configuration

Connect the Programmer cable to your computer. Wait a moment that the cable is automatically installed by your PC and open **Start → Settings → My computer → System** the Device manager.



Here is shown, which COM port is used (automatically) by your PC for this USB-adaptor.

If your PC should need a special driver for the USB-adaptor, you will find some on the installation-CD.



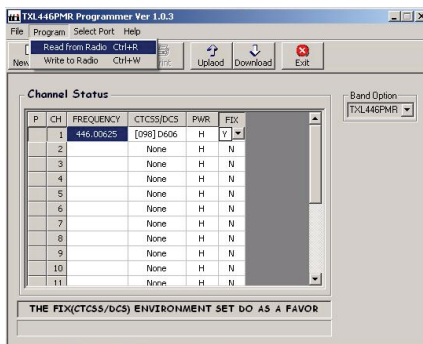
Start the programmer tool by **Start** → **Program** and control the selected COM port. If it is different of the shown one in the device manager, you will have to change it.

3. Prepare the device for programming

Switch **on** the radio while keeping **MON** - and **MEM**- buttons pressed at the same time. The radio will show "**Prog**" (programming) in the display. Now you can connect the cable to the radio.

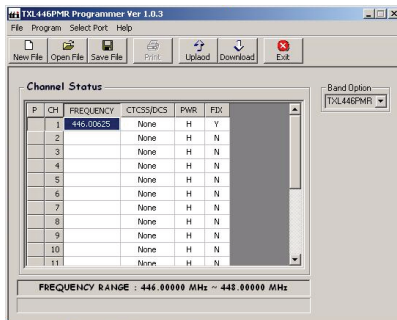


4. Reading the actual settings



You can use this feature to read the present settings of the CONTACT 2. You can store this settings on your PC, so it is very easy to clone a lot of devices (with the same settings). The reading status is shown as a progress arrow in the programming window.

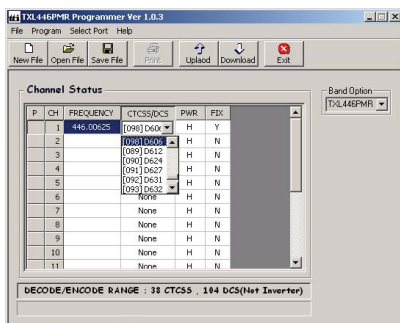
5. Programming the CONTACT 2



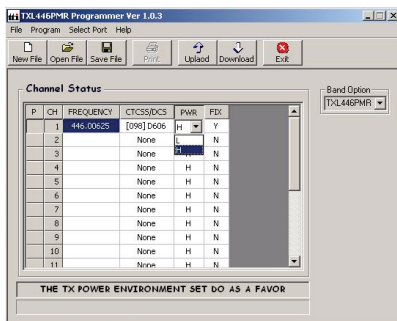
Attention! If the customer wishes that default settings should remain in the radio under CH locations 1 to 8, you will have to read the default setting from the radio now. In this case you have to start the programming of additional settings from line 9 of the programmer window.

There are 20 setting lines available for individual customer wishes. It is a frequency range of 446MHz to 448MHz with a channel spacing of 6,25kHz for the frequency settings programmable.

Take care that you use a "dot" for the frequency settings (i.e.: 446.00625)!

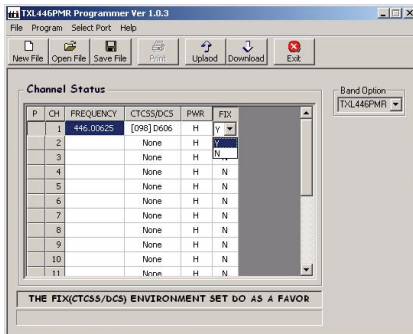


There are 38 CTCSS (analogue codes) or 104 DCS (digital codes) for each channel possible. The device will start by this channel settings, when you switch the radio on.



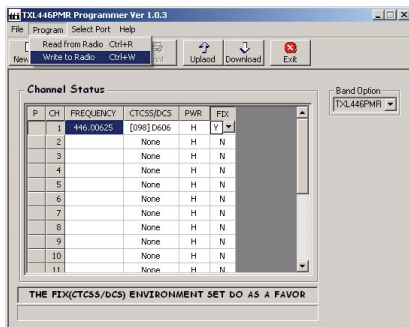
You have the choice between **H** (high) and **L** (low) in the radiation power setting step. High is the maximum technically possible power (about 2,5W to 3W depending on the used batteries). Low is the default power setting (max. 500mW).

Take care! If the customer want to use the full power option, the batteries will be discharged much earlier than in the case of the default Low radiation power. Please note that the PMR 446 standard setting is L (500 mW) by European regulations.



In the step **FIX** you can fix CTCSS/DCS settings by “Y” (yes), so that is not possible by the user to change it. If you choose „None” in step CTCSS/DCS and fix it by „Y”, it will not be able to set any code by the user.

6. Writing the programmed settings to the radio



A click on “**Program → Write to Radio**” will start to transmit your programmed settings to the radio. The writing status is shown by an arrow in the programmer window.

Depending on your Windows version you may get a note in a popup window. This note is a reminder that you have not saved the programmed setting on your computer yet. You can also do it after transmitting.

7. Store the settings on the radio

The LED of the radio will be flashing during the transmitting procedure. You can switch off the radio and disconnect the cable after the flash light is disappeared and the shown status arrow full. The radio need 3 seconds to store the new settings before you can switch on the radio the next time.